

## ABSTRACT OF THE INVENTION

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The present invention is a method and system designed to be used in a manufacturing environment to ensure the integrity of a manufacturing tool that downloads customer ordered software to personal computers. The present invention creates a computer environment in a lab setting that mimics the computer environment created in the manufacturing arena. The system and method then simulates the steps employed to download the software to a personal computer in a controlled environment to predetermine errors that may be encountered when the process is implemented in the manufacturing arena. This invention dynamically generates a file that contains instructions that when executed download and install customer ordered software to a target computer on the manufacturing floor. This invention then interprets the generated file in accordance with a set of evaluation rules such that the outcome of the execution of the file is determined. An analysis and report is then provided, so that the behavior of the download process can be evaluated for errors that may occur during the download process.

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